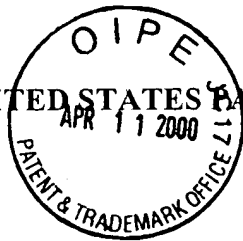


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



PATENT APPLICATION

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#7
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4-130
not

In re application of

Ken-ichi TAKATORI, et al.

Appln. No. 09/256,346

Group Art Unit: Unknown

Filed: February 24, 1999

Examiner: Unknown

For: LIQUID CRYSTAL DISPLAY APPARATUS AND METHOD OF DRIVING THE SAME

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

1. Japanese Unexamined Patent Publication No. 5-265403, published October 15, 1993.
2. Japanese Unexamined Patent Publication No. 7-140933, published June 2, 1995.
3. Japanese Unexamined Patent Publication No. 3-35219, published February 15, 1991.
4. Japanese Unexamined Patent Publication No. 3-251818, published November 11, 1991.

One copy of each of the listed documents is submitted herewith.

Ken-ichi TAKATORI et al.

Q53397

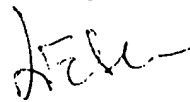
INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding Japanese Office Action dated February 22, 2000, and an English translation of the pertinent portions thereof, which cites and indicates the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



J. Frank Osha
Registration No. 24, 625

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: April 11, 2000

[Ref: Q53397 AN: 09/256,346]

Claims: 1 ~ 9

Prior Art Literature:

1. Japanese Unexamined Patent Publication No. H5 - 265403
2. Japanese Unexamined Patent Publication No. H7 - 140933
3. Japanese Unexamined Patent Publication No. H3 - 35219
4. Japanese Unexamined Patent Publication No. H3 - 251818

Comments

[For Claims 1 and 7 ~ 9]

Citation 1 describes a liquid crystal display device which reverses the order in which each field is scanned.

Continued

Continuation

[For Claims 2 ~ 6]

The interlace drive method (See for example, Citation 2 or 3) is not particularly difficult to apply to the liquid display device described in Citation 1.

[For Claim 5]

Considering the response of the liquid crystals when setting the drive voltage (See for example, Citation 1) is something which is done as a matter of course.

interlace drive method (See for example, Citation 2 or 3) is not particularly difficult to apply to the liquid display device described in Citation 1.

Record of Prior Art Literature Search Results

Searched Fields: IPC 7th Edition G02F 1/133 G09G 3/36

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